

## Author Index for Volumes 122/123/124

- ANDERSON, B. D. O.: *See* Antoulas, A. C.
- ANTOULAS, A. C. and ANDERSON, B. D. O.: On the Problem of Stable Rational Interpolation, 301
- AVISHAI, Y.: *See* Livsic, M. S.
- BISIACCO, MAURO, FORNASINI, ETTORE, and MARCHESINI, GIOVANNI: Dynamic Regulation of 2D Systems: A State-Space Approach, 195
- BISTRITZ, YUVAL, LEV-ARI, HANOCH, and KAILATH, THOMAS: Immittance- Versus Scattering-Domain Fast Algorithms For Non-Hermitian Toeplitz and Quasi-Toeplitz Matrices, 847
- BROCKETT, R. W.: Least Squares Matching Problems, 761
- BULTHEEL, ADHEMAR: *See* Van Barel, Marc
- CLEMENTS, D. J. and GLOVER, K.: Spectral Factorization via Hermitian Pencils, 797
- CONTE, G.: *See* Longhi, S.
- CONTE, GIUSEPPE: *See* Wyman, Bostwick F.
- DEISTLER, M. and WANG, LIQUN: The Common Structure of Parametrizations for Linear Systems, 921
- DEMEURE, CÉDRIC J.: Fast QR Factorization of Vandermonde Matrices, 165
- FAIBUSOVICH, L. E.: QR-Type Factorizations, the Yang-Baxter Equation and an Eigenvalue Problem of Control Theory, 943
- FEINTUCH, AVRAHAM: Stabilization and Sensitivity for Eventually Time-Invariant Systems, 105
- FOIAS, CIPRIAN and TANNENBAUM, ALLEN: On the Parametrization of the Suboptimal Solutions in Generalized Interpolation, 145
- FORNASINI, ETTORE: *See* Bisiacco, Mauro
- FUHRMANN, P. A.: *See* Helmke, U.
- FUHRMANN, PAUL A., KIMURA, HIDENORI, and WILLEMS, JAN C.: Preface, 1
- GAMST, J. and HOECHSMANN, K.: An Invariance Property of Hankel Forms, 447
- GEERTS, TON: Continuity Properties of the Cheap-Control Problem Without Stability, 65
- GIANNAKOPOULOS, C.: *See* Karcnias, N.
- GLOVER, K.: *See* Clements, D. J.
- HARA, SHINJI and SUNG, HAK-KYUNG: Constraints on Sensitivity Characteristics in Linear Multivariable Discrete-Time Control Systems, 889
- HELMKE, U. and FUHRMANN, P. A.: Bezoutians, 1039
- HELMKE, U., HINRICHSEN, D., and MANTHEY, W.: A Cell Decomposition of the Space of Real Hankel Matrices of Rank  $\leq n$  and Some Applications, 331
- HELMKE, UWE: Rational Functions and Bezout Forms: A Functorial Correspondence, 623
- HINRICHSEN, D. and PRÄTZEL-WOLTERS, D.: A Jordan Canonical Form for Reachable Linear Systems, 489
- HINRICHSEN, D.: *See* Helmke, U.
- HOECHSMANN, K.: *See* Gamst, J.
- JONCKHEERE, EDMOND A., JUANG, JYH-CHING, and SILVERMAN, LEONARD M.: Spectral Theory of the Linear-Quadratic and  $H^\infty$  Problems, 273
- JONCKHEERE, EDMOND and MA, CHINGWO: Recursive Partial Realization from the Combined Sequence of Markov Parameters and Moments, 565
- JUANG, JYH-CHING: *See* Jonckheere, Edmond A.
- KAILATH, THOMAS: *See* Bistritz, Yuval
- KARCANIAS, N. and GIANNAKOPOULOS, C.: Necessary and Sufficient Conditions for Zero Assignment by Constant Squaring Down, 415
- KIMURA, HIDENORI: *See* Fuhrmann, Paul A.
- KOCIĘCKI, M. and PRZYŁUSKI, K. M.: On the Number of Controllable Linear Systems over a Finite Field, 115
- KRAVITSKY, N. and WAKSMAN, Z.: On Some Resultant Identities, 3
- LEV-ARI, HANOCH: *See* Bistritz, Yuval
- LIVSIC, M. S. and AVISHAI, Y.: A Study of Solitonic Combinations Based on the The-

- ory of Commuting Non-Self-Adjoint Operators, 357
- LONGHI, S., PERDON A., and CONTE, G.: Geometric and Algebraic Structure at Infinity of Discrete Time Linear Periodic Systems, 245
- LUESINK, ROB and NIJMEIJER, HENK: On the Stabilization of Bilinear Systems via Constant Feedback, 457
- MA, CHINGWO: *See* Jonckheere, Edmond
- MALABRE, MICHEL: Generalized Linear Systems: Geometric and Structural Approaches, 591
- MANTHEY, W.: *See* Helmke, U.
- MARCHESINI, GIOVANNI: *See* Bisiacco, Mauro
- McFARLANE, DUNCAN: *See* Ober, Raimund
- MUROTA, KAZUO: Some Recent Results in Combinatorial Approaches to Dynamical Systems, 725
- NIEUWENHUIS, J. W.: Modern Linear Systems Theory, 655
- NIJMEIJER, HENK: *See* Luesink, Rob
- OBER, RAIMUND and McFARLANE, DUNCAN: Balanced Canonical Forms for Minimal Systems: A Normalized Coprime Factor Approach, 23
- ONO, TOSHIRO: *See* Sugie, Toshiharu
- OWENS, D. H.: *See* Rogers, E.
- PANDOLFI, L.: Controllability Properties of Perturbed Distributed Parameter Systems, 525
- PERDON, A.: *See* Longhi, S.
- PERDON, ANNA-MARIA: *See* Wyman, Bostwick F.
- POLDERMAN, J. W.: Adaptive LQ Control: Conflict Between Identification and Control, 219
- PRÄTZEL-WOLTERS, D.: *See* Hinrichsen, D.
- PRZYLUCKI, K. M.: *See* Kocięcki, M.
- RANTZER, ANDERS: Equivalence Between Stability of Partial Realizations and Feedback Stabilization—Applications to Reduced Order Stabilization, 641
- ROCHA, P. and WILLEMS, J. C.: State for 2-D Systems, 1003
- ROGERS, E. and OWENS, D. H.: Axis Positivity and the Stability of Linear Multipass Processes, 779
- SAIN, MICHAEL K.: *See* Wyman, Bostwick F.
- SILVERMAN, LEONARD M.: *See* Jonckheere, Edmond A.
- SUGIE, TOSHIHARU and ONO, TOSHIRO: On Doubly Coprime Factorizations, 681
- SUGIMOTO, KENJI and YAMAMOTO, YUTAKA: On Successive Pole Assignment by Linear-Quadratic Optimal Feedbacks, 697
- SUNG, HAK-KYUNG: *See* Hara, Shinji
- TANNENBAUM, ALLEN: *See* Foias, Ciprian
- VAN BAREL, MARC and BULTHEEL, ADHEMAR: A Canonical Matrix Continued Fraction Solution of the Minimal (Partial) Realization Problem, 973
- VAVŘÍN, ZDENĚK: Remarks on Complexity of Polynomial and Special Matrix Computations, 539
- WAKSMAN, Z.: *See* Kravitsky, N.
- WANG, LIQUN: *See* Deistler, M.
- WILLEMS, JAN C.: *See* Fuhrmann, Paul A.
- WILLEMS, J. C.: *See* Rocha, P.
- WIMMER, HARALD K.: Bezoutians of Polynomial Matrices and Their Generalized Inverses, 475
- WYMAN, BOSTWICK F., SAIN, MICHAEL K., CONTE, GIUSEPPE, and PERDON, ANNA-MARIA: On the Zeros and Poles of a Transfer Function, 123
- YAMAMOTO, YUTAKA: *See* Sugimoto, Kenji.